Substitute for form 1449B/PTO
SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

TRADEN

IN AN APPLICATION
LIBRAING OF REFERENCES

June 11, 2008

Juse several sheets if necessary)

ATTORNEY DOCKET NO. 3506.1021-000 10/519,594

FIRST NAMED INVENTOR PILING DATE David Cavalla December 28, 2004

EXAMINER CONFIRMATION NO. GROUP 1617

U.S. PATENT DOCUMENTS						
EXĀM -INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT		
/LS	/ U3	4,845,092	07-04-1989	Sanger et al.		
ī	U4	4,939,136	07-03-1990	Haeck et al.		
1	U5	5,225,407	07-06-1993	Oakley et al.		
╅	U6	5,352,685	10-04-1994	Maruyama et al.		
+	U7	5,434,174	07-18-1995	Gidda et al.		
+	U8	5,438,068	08-01-1995	Eeckhout et al.		
\top	U9	5,470,868	11-28-1995	Young		
T	U10	5,530,008	06-25-1996	Azcona et al.		
\top	UII	5,576,317	11-19-1996	Gonsalves		
T	U12	5,663,343	09-02-1997	van der Meij et al.		
T	U13	5,708,033	01-13-1998	Kelley et al.		
+	U14	5,945,415	08-31-1999	Kato et al.		
+	U15	5,962,494	10-05-1999	Young		
+	U16	5,977,127	11-02-1999	Bonnacker et al.		
1	U17	5,977,175	11-02-1999	Lin		
+	U18	5,985,866	11-16-1999	Müller et al.		
+	U19	5,990,159	11-23-1999	Meulemans et al.		
+	U20	6,054,461	04-25-2000	Fairbanks et al.		
+	U21	6,117,879	09-12-2000	Fairbanks et al.		
₩	U22	6,156,771	12-05-2000	Rubin et al.		

EXAMINER	DATE CONSIDERED		
	,		

Substitute for form 1449B/PTO

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION

LISTING OF REFERENCES

June 11, 2008
(Use several sheets if necessary)

		SI	neet 2 of 10
ATTORNEY DOCKET NO.		APPLICATION NO.	
3506.1021-000		10/519,594	
FIRST NAMED INVENTOR		FILING DATE	
David Cavalla		December 28, 2004	
EXAMINER	CONFI	RMATION NO.	GROUP
Layla Soroush	2624		1617

U.S. PATENT DOCUMENTS						
EXAM -INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT		
/LS/	U23	6,194,382	02-27-2001	Crain, et al.		
ı	U24	6,211,171 B1	04-03-2001	Sawynok et al.		
\vdash	U25	6,235,745 B1	05-22-2001	Megens		
\vdash	U26	2001/0020025 A1	09-06-2001	Megens		
\top	U27	6,300,336 B1	10-09-2001	Eeckhout et al.		
\vdash	U28	2001/0044450 A1	11-22-2001	Mangel et al.		
\vdash	U29	2001/0056110 A1	12-27-2001	Faerber et al.		
\vdash	U30	2002/0002197 A1	01-03-2002	Mueller et al.		
H	U31	6,355,647 B1	03-12-2002	Steiner et al.		
\vdash	U32	2002/0039599 A1	04-04-2002	Lin et al.		
H	U33	2002/0040033 A1	04-04-2002	Cautreels et al.		
H	U34	6,384,042 B2	05-07-2002	Färber et al.		
H	U35	2002/0086880 A1	07-04-2002	Rubin et al.		
H	U36	2002/0086881 A1	07-04-2002	Rubin et al.		
十	U37	6,429,209 B2	08-06-2002	Mangel et al.		
\vdash	U38	2002/0107244 A1	08-08-2002	Howard, Jr.		
\vdash	U39	6,440,453 B1	08-27-2002	Fischer et. al.		
\vdash	U40	6,441,038 B1	08-27-2002	Loder et al.		
	U41	6,458,795 B1	10-01-2002	Bergeron, Jr.		
V	U42	6,465,458 B1	10-15-2002	Wong et al.		
	L		L			

١	EXAMINER	DATE CONSIDERED
ı		

812642_I

Substitute for form 1449B/PTO
SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT
IN AN APPLICATION

LISTING OF REFERENCES

June 11, 2008
(Use several sheets if necessary)

		S	heet 3 of 10
ATTORNEY DOCKET 3506.1021-000	APPLICATION NO. 10/519,594 FILING DATE December 28, 2004		
FIRST NAMED INVENTOR David Cavalla			
EXAMINER Layla Soroush	CONFII 2624	RMATION NO.	GROUP 1617

U.S. PATENT DOCUMENTS						
EXAM -INER INI- TIAL	REF NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT		
/L	s/J43	7,220,748	05-22-2007	Cavalla et al.		
Т	U44	6,476,078 B2	11-05-2002	Jerussi et al.		
1	U45	2003/0036549 A1	02-20-2003	Mangel et al.		
\top	U46	6,558,708 B1	05-06-2003	Lin		
\top	U47	6,566,369 B2	05-20-2003	Cautreels et al.		
	U48	2003/0125349 A1	07-03-2003	Cautreels et al.		
\top	U49	6,593,336 B2	07-15-2003	Mangel et al.		
+	U50	2003/0158221 A1	08-21-2003	Zhang et al.		
+	U51	2003/0203055 A1	10-30-2003	Rao et al.		
+	U52	2006/0217391 A1	09-28-2006	Landau		
+	U53	2004/0048874	03-11-2004	Bardsley		
+	U54	2004/0147509 A1	07-29-2004	Landau		
+	U55	2004/0147510 A1	07-29-2004	Landau		
+	U56	2004/0254168 A1	12-16-2004	Landau		
╁	U57	2004/0254169 A1	12-16-2004	Landau		
+	U58	2004/0254170 A1	12-16-2004	Landau		
\vdash	U59	2004/0254171 A1	12-16-2004	Landau et al.		
\vdash	U60	2004/0254172 A1	12-16-2004	Landau et al.		
+	U61	2004/0259862 A1	12-23-2004	Landau		
\forall	U62	2005/0032780 A1	02-10-2005	Landau		

ı	EXAMINER	DATE CONSIDERED		
ı				

				HCCL 4 OI
Substitute for form 1449B/PTO SUPPLEMENTAL INFORMATION	ATTORNEY DOCKET NO. 3506.1021-000 FIRST NAMED INVENTOR David Cavalla		APPLICATION NO. 10/519,594 FILING DATE December 28, 2004	
DISCLOSURE STATEMENT IN AN APPLICATION				
LISTING OF REFERENCES	EXAMINER		RMATION NO.	GROUP
June 11, 2008	Layla Soroush	2624		1617
(Use several sheets if necessary)				

		U.S	. PATENT DOCUMENT	'S	
EXAM -INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	
/LS/	U63	2005/0192270 A1	09-01-2005	Landau	
ī	U64	2005/0239792	10-27-2005	Cavalla et al.	
	U65	7,094,786	08-22-2006	Landau	
V	U66	2006/0167005	07-27-2006	Cavalla et al.	

EXAMINER	DATE CONSIDERED

Substitute for form 1449B/PTO

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION

LISTING OF REFERENCES

June 11, 2008
(Use several sheets if necessary)

		Si	neet 5 of 1
ATTORNEY DOCKET NO. 3506.1021-000		APPLICATION NO. 10/519,594 FILING DATE December 28, 2004	
FIRST NAMED INVEN David Cavalla			
EXAMINER CONFI Layla Soroush 2624		RMATION NO.	GROUP 1617

		FORI	EIGN PATENT	DOCUMENTS		
		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANS	LATION NO
/LS/	F3	WO 88/04173	06-16-1988	Serotonin Industries of Charleston		
	F4	EP 0 297 651 B1	11-03-1993	Duphar International Research B.V		
┰	F5	WO 94/01095	01-20-1994	Smith-Kline Beecham PLC		
\top	F6	WO 96/11009	04-18-1996	Loder, Cari		
\top	F7	WO 98/01157	01-15-1998	The WWK Trust		
\top	F8	WO 98/08520	03-05-1998	Scotia Holdings PLC		
\top	F9	WO 98/09623	03-12-1998	Scotia Holdings PLC		
	F10	WO 98/50037	11-12-1998	Mitsubishi Chemical Corporation		х
	FII	WO 00/48581 A3	08-24-2000	Novartis AG		
	F12	WO 00/48597	08-24-2000	Novartis AG		
\top	F13	WO 00/51583	09-08-2000	Sepracor, Inc.		
\top	F14	WO 00/51584	09-08-2000	Sepracor, Inc.		
\top	F15	WO 01/26623 A3/A2	04-19-2001	Laxdale Limited		
\top	F16	WO 02/07713 A2	01-31-2002	Solvay Pharmaceuticals GMBH		х
\top	F17	EP 1 230 921 A1	08-14-2002	Pfizer Products, Inc.		
	F18	WO 02/083926 A3/A2	10-24-2002	Cedars-Sinai Medical Center		
	F19	WO 02/094249 A1	11-28-2002	Arachnova Therapeutics Ltd.		
	F20	WO 03/061657 A1	07-31-2003	Aryx Therapeutics		
\forall	F21	WO 03/063873 A1	08-07-2003	Arachnova Therapeutics, Ltd.		

EXAMINER	DATE CONSIDERED		

Sheet 6 of 10

			3	neet 6 of 10	
Substitute for form 1449B/PTO SUPPLEMENTAL INFORMATION	ATTORNEY DOCKET NO. 3506.1021-000 FIRST NAMED INVENTOR David Cavalla		APPLICATION NO. 10/519,594		
DISCLOSURE STATEMENT IN AN APPLICATION			FILING DATE December 28, 2004		
LISTING OF REFERENCES	EXAMINER	CONFI	RMATION NO.	GROUP	
June 11, 2008	Layla Soroush	2624		1617	
(Use several sheets if necessary)					

			FOR	EIGN PATENT	DOCUMENTS		
_			DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANS YES	SLATION NO
/LS	S/	F22	WO 03/077897 A1	09-25-2003	Cypress Bioscience, Inc.		
		F23	WO 2004/004734 A1	01-15-2004	Arachnova Therapeutics Ltd.		
_	Г	F24	WO 2004/019948 A1	03-11-2004	Arachnova Therapeutics, Ltd.		
_	Н	F25	WO 2004/058353 A3/A2	07-15-2004	Amedis Pharmaceuticals, LTD.		
_	L	F26	WO 2004/062623 A2	07-29-2004	Dynogen Pharmaceuticals, Inc.		
_	H	F27	WO 2004/062624 A3/A2	07-29-2004	Dynogen Pharmaceuticals, Inc.		
1	V	F28	EP 0150469	06-15-1988	Mitsubishi Chemical Industries Limited		

EXAMINER	DATE CONSIDERED

Substitute for form 1449B/PTO ATTORNEY DOCKET NO. APPLICATION NO. 3506.1021-000 10/519.594 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT FIRST NAMED INVENTOR FILING DATE IN AN APPLICATION David Cavalla December 28, 2004 LISTING OF REFERENCES EXAMINER CONFIRMATION NO. GROUP 2624 Layla Soroush 1617 June 11, 2008

(Use several sheets if necessary)

	•	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
/LS/	R3	"How to Avoid a Health Insurance Claim Denial- and What to do When You Can't," [Retrieved on 03-15-2005]. Retrieved from the Internet <url:http: claimdenial.html="" health="" info.insure.com="">, pp 1-4.</url:http:>
/LS	R4	"Irritable Bowel Syndrome at a Glance - Nosology, Epidemiology, and Pathophysiology (Monograph I), December 2002 [Retrieved on 2002-12-12]. Retrieved from the Internet <url:http: education="" fdhn.org="" gi="" html="" ibs_nosology.htm="">, pp. 1-2.</url:http:>
/LS/	R5	"Dynogen Pharmaceuticals, Inc. Enters Into Agreement With Mitsubishi Pharma For Irritable Bowel Syndrome Compound," Dynogen Pharmaceuticals, Inc. Press Release, pp. 1-2 [online], (December 22, 2003). Retrieved from the Internet <url: www.dynogen.com="">.</url:>
/LS/	R6	Angel, I., et al. "Litoxetine: A Selective 5-HT Uptake Inhibitor with Concomitant 5-HT, Receptor Antagonist and Antiemetic Properties," Eur. J. Pharmacol., 232(2/3):139-145 (1993).
/LS	R7	Béïque, J.C., et al., "Affinities of Venlafaxine and Various Reuptake Inhibitors for the Serotonin and Norepinephrine Transporters," Eur. J. Pharmacol., 349(1):129-132 (1998).
/LS	R8	Burns, M.J., "The Pharmacology and Toxicology of Reboxetine," Int. J. Med. Toxicol. 3(4):26 1-7 (2000).
/LS/	R9	Bymaster, F.P., et al. "Comparative Affinity of Duloxetine and Venlafaxine for Serotonin and Norepinephrine Transporters in vitro and in vivo, Human Serotonin Receptor Subtypes, and Other Neuronal Receptors," Neuropsychopharmacology, 25(6):871-880 (2001).
/LS/	R10	Camilleri, M., "Serotonergic Drugs: Emerging Therapies for Irritable Bowel Syndrome," In Irritable Bowel Syndrome a Clinician's Guide, M. Camilleri and R. C. Spiller, eds., Chapt. 19; pp 1-10 (2002).
/LS/	RII	Camilleri, M., "Serotonergic Modulation of Visceral Sensation: Lower Gut," Gut 51(Supp. 1):i81-i86 (2002).
/LS	R12	Center for Drug Evaluation and Research Application Number: 020623; Pharmacology Reviews; July 5, 1996, pp. 1-40.
/LS/	R13	Database CIN 2004-01-05, "Life Sciences in Brief," [online], January 5, 2004 (retrieved online January 31, 2006). Retrieved from: STN Database, Accession No. 33(3):1518T.
/LS/	R14	Database IMSDRUGNEWS, R&D Focus Drug News, "DDP 225 Dynogen, Mitsubishi Pharma Licensing Agreement," [online], January 12, 2004. Retrieved from: STN Database, Accession No. 2004:188.

EXAMINER	DATE CONSIDERED				

812642_1

ATTORNEY DOCKET NO. Substitute for form 1449B/PTO APPLICATION NO. 3506.1021-000 10/519,594 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT FIRST NAMED INVENTOR FILING DATE IN AN APPLICATION David Cavalla December 28, 2004 LISTING OF REFERENCES EXAMINER CONFIRMATION NO. GROUP 2624 1617 Layla Soroush June 11, 2008

(Use several sheets if necessary)

	•	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
/LS/	R15	Depoortere, I., et al., "Dose-Dependent Effects of Recombinant Human Interleukin-11 on Contractile Properties in Rabbit 2,4,6-Trinitrobenzene Sulfonic Acid Colitis," J. Pharmacol. Exp. Ther., 294(3): 983-990 (2000).
/LS	R16	Drossman, D.A., et al., "Irritable Bowel Syndrome: A Technical Review for Practice Guideline Development," Gastroenterology, 112: 2120-2137 (1997).
/LS/	R17	Eguchi, J., et al., "Pharmacological Profile of the Novel Antidepressant 4-(2-Fluorophenyl)-6-methyl-2-(1-piperaziny)thieno-[2,3-d]pyrimidine Monohydrate Hydrochloride," Arzneim Forsch/Drug Res., 47(12): 1337-1347 (1997).
/LS/	R18	Fairweather, D.B., et al., "The Psychomotor and Cognitive Effects of Litoxetine in Young and Middle Aged Volunteers," Br. J. Clin. Pharmacol., 40(2):119-125 (1995).
/LS/	R19	Gebhart, G.F., "Pathobiology of Visceral Pain: Molecular Mechanisms and Therapeutic Implications IV. Visceral Afferent Contributions to the Pathobiology of Visceral Pain," Am. J. Physiol. Gastrointest. Liver Physiol. 278:G834-G838 (2000).
/LS/	R20	Goldberg, P.A., et al., "Modification of Visceral Sensitivity and Pain in Irritable Bowel Syndrome by 5-HT ₃ Antagonism (Ondansetron)," <i>Digestion</i> , 57(6):478-483 (1996).
/LS	R21	Greenbaum, D.S., et al., "Effects of Desipramine on Irritable Bowel Syndrome Compared with Atropine and Placebo," Digestive Diseases and Sciences, 32(3): 257-266 (1987).
/LS/		Ishigooka, Jr., et al., "Scrotonin-Noradrenaline Reuptake Inhibitors(SNRIs)," Nippon Rinsho, 59, pp. 1523-9, (2001) - Abstract Only.
/LS	R23	Ito, C., et al., "Effect of GK-128 [2-[(2-Methylimidazol-1-yl)methyl]- benzo[f]thiochromen-1-one Monohydrochloride Hemihydrate], a Selective 5-Hydroxytryptamine, Receptor Antagonist, on Colonic Function in Rats," J. Pharmacol. Exp. Ther., 280(1): 67-72 (1997).
/LS	R24	Jin, J.G., et al., "Propulsion in Guinea Pig Colon Induced by 5-Hydroxytryptamine (HT) via 5-HT ₄ and 5-HT ₃ Receptors," J. Pharmacol. Exp. Ther., 288(1): 93-97 (1999).
/L	R25 \$/	Kozlowski, C.M., et al., "The 5-HT, Receptor Antagonist Alosetron Inhibits the Colorectal Distention Induced Depressor Response and Spinal c-fos Expression in the Anaesthetised Rat," Gut, 46: 474-480 (2000).
/	B26	LOTRONEX - Tablets, Product Information, GlaxoSmithKline, Research Triangle Park, NC, pp. 1-13 (2002).
/LS/	R27	Mertz, H.R., "Irritable Bowel Syndrome," N. Engl. J. Med. 349(22):2136-2146 (2003).

EXAMINER	DATE CONSIDERED				

Substitute for form 1449B/PTO ATTORNEY DOCKET NO. APPLICATION NO. 10/519,594 3506.1021-000 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT FIRST NAMED INVENTOR FILING DATE IN AN APPLICATION December 28, 2004 David Cavalla LISTING OF REFERENCES CONFIRMATION NO. EXAMINER GROUP 2624 1617 Layla Soroush June 11, 2008 (Use several sheets if necessary)

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
/LS/		Million, M., et al., "Susceptibility of Lewis and Fischer Rats to Stress-induced Worsening of TNB-colitis: Protective Role of Brain CRF," Amer. Phys. Soc., 276 (4 Pt 1): G1027-G1036 (1999).
/LS/	R29	Morteau, O., et al., "Influence of 5-HT ₃ Receptor Antagonists in Visceromotor and Nociceptive Responses to Rectal Distension Before and During Experimental Colitis In Rats," Fundam. Clin. Pharmacol., 8(6):553-562 (1994).
/LS/	R30	Owens, M. J., et al., "Neurotransmitter Receptor and Transporter Binding Profile of Antidepressants and their Metabolites," J. Pharmacol. Exp. Ther., 283(3): 1305-1322 (1997).
· /LS/	R31	Sach, J.A., et al., "Irritable Bowel Syndrome," Curr. Treat. Options. Gastroenterol., 5(4): 267-278 (2002).
/LS/	R32	Schmulson, M.J., "Brain-Gut Interaction in Irritable Bowel Syndrome: New Findings of a Multicomponent Disease Model," <i>IMAJ</i> , 3:104-110 (2001).
/LS/	R33	Sheikh, M. Y. and Wright, R.A., "Irritable Bowel Syndrome: Current Concepts and Future Prospects," <i>Hospital Physician</i> , pp. 31-38 (1999).
/LS/	R34	Spiller, R., "Pharmacotherapy: Non-Serotonergic Mechanisms," Gut, 51, Suppl, i87-i90 (2002).
/LS/	R35	Steadman, C.J., et al., "Selective 5-Hydroxytryptamine Type 3 Receptor Antagonism With Ondansetron as Treatment for Diarrhea-Predominant Irritable Bowel Syndrome: A Pilot Study," Mayo Clinic Proc., 67(8): 732-738 (1992).
/LS/	R36	Thompson, W.G., et al., "Functional Bowel Disorders and Functional Abdominal Pain," Gut 45(Supp II):II43-II47 (1999).
/LS/	R37	U.S. Provisional Application No. 60/364,531, filed 03-15-2002, entitled "Methods of Treating Visceral Pain Syndromes," by Rao et al., priority document for WO 03/077897 A1 and U.S. 2003/0203055 A1.
/LS/	R38	Venkova, K., et al., "Peripheral Activity of a New NK, Receptor Antagonist TAK-637 in the Gastrointestinal Tract," J. Pharmacol. Exp. Ther., 300(3): 1046-1052 (2002).
/L	R39 S/	Wong, E.H.F., et al., "Reboxetine: A Pharmacologically Potent, Selective, and Specific Norepinephrine Reuptake Inhibitor," Biol. Psychiatry. 47(9): 818-829 (2000).
/LS/	R40	Wood, J.D., et al. "Fundamentals of Neurogastroenterology," Gut 45(Supp. II):116-II16 (1999).
/LS/	R41	Worsley, A.P. and Allawi, J., "A Combined Treatment for Severe Diabetic Neuropathy Symptoms," in Letters, Diabetic Medicine, 15:797-798 (1998).

EXAMINER	DATE CONSIDERED				

			She	eet 10 of 10	
Substitute for form 1449B/PTO SUPPLEMENTAL INFORMATION	ATTORNEY DOCK 3506.1021-000	ATTORNEY DOCKET NO. 3506.1021-000 FIRST NAMED INVENTOR David Cavalla		APPLICATION NO. 10/519,594 FILING DATE December 28, 2004	
DISCLOSURE STATEMENT IN AN APPLICATION					
LISTING OF REFERENCES	EXAMINER		RMATION NO.	GROUP	
June 11, 2008	Layla Soroush	2624		1617	
(Use several sheets if necessary)					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)				
/LS	1	Yuan, S.Y., et al., "Investigation of the Role of 5-HT, and 5-HT, Receptors in Ascending and Descending Reflexes to the Circular Muscle of Guinea-pig Small Intestine," Br. J. Pharmacol., 1/2(4): 1095-1100 (1994).		

ı	EXAMINER	DATE CONSIDERED		
	/Layla Soroush/	09/12/2008		
812642_1				